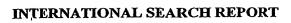
INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/06830

A. CLAS	SIFICATION OF SUBJECT MATTER	1				
Int.Cl ⁷ H01L23/50						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum d Int.	documentation searched (classification system followed C1 ⁷ H01L23/50	by classification symbols)				
	.0101320,00					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003 Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)						
become data base consumed during the international search (name of data base and, where practicable, search terms used)						
C DOCI	A CENTRE CONTRIDEDED TO DE DEL EVANT					
	MENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where a		Relevant to claim No.			
Х	JP 2000-124240 A (Matsushita 28 April, 2000 (28.04.00),	a Electronics Corp.),	1,5-6,11,14			
	Par. Nos. [0042] to [0045];	Figs. 4 to 6, 12				
	(Family: none)					
A	US 2002/0041011 A1 (Kazutaka	a SHIBATA),	1-15,26-31			
	11 April, 2002 (11.04.02), & JP 2002-118222 A					
A	JP 2001-358279 A (Sony Corp.	,	16 25 22			
f l	26 December, 2001 (26.12.01)		16-25,32			
	(Family: none)		;			
À	WO 99/00826 A2 (Matsushita E	Electronics Corp.),	16-25,32			
	07 January, 1999 (07.01.99), & JP 11-074440 A & EP	996962 A2				
	α OF 11-0/4440 A	990902 A2				
l						
Further documents are listed in the continuation of Box C. See patent family annex.						
* Special categories of cited documents: "A" document defining-the general state of the art which is not		"T" later document published after the inter priority date and not in conflict with th				
considered to be of particular relevance "E" earlier document but published on or after the international filing		"X" understand the principle or theory under document of particular relevance; the control of th	laimed invention cannot be			
	ent which may throw doubts on priority claim(s) or which is	considered novel or cannot be consider step when the document is taken alone	ed to involve an inventive			
special	establish the publication date of another citation or other reason (as specified)	"Y" document of particular relevance; the c considered to involve an inventive step				
теалѕ	ent referring to an oral disclosure, use, exhibition or other	combined with one or more other such combination being obvious to a person				
"P" document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed						
Date of the actual completion of the international search Date of mailing of the international search report						
20 0	anc, 2003 (20.00.03)	08 July, 2003 (08.0 -	1.03)			
Name and mailing address of the ISA/		Authorized officer				
Japanese Patent Office						
Facsimile No.		Telephone No.				





	ntinuation). DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages			
A	WO 01/03183 A2 (Hitachi, Ltd.), 11 January, 2001 (11.01.01), & AU 5706900 A	1-32		
	,			
·		_		



International application No.
PCT/JP03/06830

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
because they relate to subject matter not required to be searched by this Addiology, namery.
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out specifically:
extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
I. The inventions of claims 1-5, 26-31 relate to a semiconductor device
wherein the length between the inside end sections of an encapsulation section
forming face is longer than the length between the inside end sections of a face to be mounted.
a lace to be mounted.
II. The inventions of claims 16-25, 32 relate to a semiconductor device wherein
a wire is connected to the region of a face opposite to the face to be mounted
of a suspension lead that faces the face to be mounted. These two groups of inventions are not inventions which are so linked as
to form a single general inventive concept.
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable
claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment
of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers
only those claims for which fees were paid, specifically claims Nos.:
A Discounting additional access from the description of the descriptio
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest
No protest accompanied the payment of additional search fees.